

LANCASTER COUNTY ENGINEERING TECHNICIAN III

NATURE OF WORK

This is responsible supervisory and highly complex technical work in connection with any branch of engineering in the field and/or office.

Work responsibilities may include one or more of the following: supervision of subordinate personnel performing preliminary and construction surveys of bridge, culvert and road projects which may run concurrently; drafting of preliminary and final surveys of future bridge, culvert and road projects; and supervising and assisting in annual visual inspections of existing bridges and culverts. Supervision is exercised over subordinate supervisory and technical personnel on assigned projects. Supervision is received from an administrative or professional superior in the form of reports and results achieved, although employees of this class exercise considerable independent judgment in performance of assigned duties.

EXAMPLES OF WORK PERFORMED

Supervises and assists subordinate personnel in preliminary and construction surveys pertaining to bridge, culvert and road projects.

Supervises, assists or performs inspections of all work assigned.

Coordinates inspection, construction and survey activities with appropriate departments and/or contractors.

Records data related to surveys and inspections and submits reports to appropriate persons.

Locates and perpetuates all section corners within Lancaster County, and supervises survey crews involved in necessary field work.

Performs computations necessary in design and checking of construction plans for deviation from plans and specifications.

Performs drafting of preliminary and final surveys of future bridge, culvert and road projects.

Supervises and assists in annual visual inspections of bridges and box culverts.

Performs related work as required.

DESIRABLE KNOWLEDGES, ABILITIES AND SKILLS

Extensive knowledge of, and the ability to apply, the technical principles, methods and procedures of engineering and land surveying to the work being performed.

Extensive knowledge of, and the ability to apply, the technical principles, procedures, standard specifications and current policies to the planning, design and construction of assigned project.

Ability to make complex and varied engineering computations.

Ability to plan, assign and supervise the work of subordinate supervisory and technical personnel.

Ability to work independently on a variety of complex projects with only periodic and general instructions.

Ability to establish and maintain effective working relationships with governmental officials, co-workers and the general public.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from a senior high school or equivalent plus extensive qualified technical experience in a supervisory capacity; or graduation from a senior high school or equivalent supplemented by completion of an Associates Degree in Engineering Technology or related field plus considerable qualified technical experience in a supervisory capacity.

MINIMUM QUALIFICATIONS

Graduation from a senior high school or equivalent plus considerable experience as an Engineering Technician II; or any equivalent combination of training and experience which provides the desirable knowledges, abilities and skills.

DESIRABLE SPECIAL REQUIREMENT

Compliance with the standards established by the Institute for the Certification of Engineering Technicians for the grade of Senior Engineering Technician.

Registration as a Land Surveyor by the State of Nebraska if engaged in land surveying.

NECESSARY SPECIAL REQUIREMENT

Possession of a valid State of Nebraska driver's license when operating a vehicle is necessary to the satisfactory performance of assigned duties.

Approved by: _____
Department Head

Personnel Director

03/77
Revised 03/90

PS9855